

DALBERGIA SIMPSONII, A NEW LEGUME FROM PERU

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Among the many interesting plant collections made in Peru by Dr. Donald R. Simpson is a new species of Dalbergia. Only fragmentary flowers are available so the presence of terminally dehiscent anthers cannot be verified. However, on the basis of vegetative material and fruit, relationship with species such as D. monetaria L. f. and D. riedelii (Radlk.) Sandw. is evident. The new species, named for the collector, is most readily recognized by its relatively large, ciliate leaflets, distinct from any others in the genus, and its nitid, lenticular pods.

DALBERGIA SIMPSONII Rudd, sp. nov.

Arbor parva, affine D. monetaria L. f. et D. riedelii (Radlk.) Sandw., sed foliolis amplis, ciliatis et fructibus lentiformibus, nitidis notabilis.

Small tree, about 3.5 m. tall; bark gray; young stems rufous-tomentulose; stipules deltoid, about 4 mm. long, glabrescent, caducous; leaves 7-foliolate, the axis about 12-14 cm. long, rufous-tomentulose; leaflets subcoriaceous, elliptic, 7-13 cm. long and 4-5 cm. wide, acuminate, the base rounded to subcordate, the upper surface glabrous, nitid, the lower surface moderately pubescent with lax or patent hairs, the margins densely ciliate; inflorescences axillary, about 3 cm. long, fasciculate, the axes tomentulose, glabrescent; bracts deltoid-cucullate, about 1 mm. long, 1 mm. wide at the base; bracteoles minute, deltoid-ovate, pubescent, 1 mm. long and wide or less; flowers probably about 7 mm. long (complete flowers not seen); calyx tomentulose, glabrescent, 3 mm. long, 2.5 mm. in diameter, the teeth deltoid, 0.5-1 mm. long; petals apparently glabrous, the color not known; stamens apparently diadelphous 9:1; fruit indehiscent, 1-seeded, lenticular, glabrous, nitid, the body 4-5 cm. long, 3-3.5 cm. wide, 1 cm. thick, the stipe 5 mm. long.

Type: Donald R. Simpson 775, Peru, Depto. Loreto, Prov. Majnas, Alto Nanay, along a trail near Santa María de Nanay, 4 March 1968 (holotype US no. 2619700; isotype F).



Fig. 1 - *Dalbergia simpsonii* Rudd: a, leaf; b, fragment of flower; c, fruit; d, open fruit with seed.